



CURRICULUM VITAE
STEPHANIE A. CONNON

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CURRENT POSITION:

Ph.D. candidate, Microbiology, Oregon State University (1996-present)
Expected completion date: Spring 2002

EDUCATION:

B.S. Environmental Science, B.S. Biology, Minor Microbiology,
Honors Program Completion, *cum laude*, Washington State University, 1996

CURRENT RESEARCH PROJECTS:

Development and testing of high throughput culturing laboratory
Doctoral research with Stephen Giovannoni

Isolation and characterization of the bacterial diversity in propane sparged versus air sparged trichloroethene contaminated groundwater at the McClellan Air Force Base by high throughput culturing and LH-PCR. A National Environmental Technology Test Site (NETTS), part of the Strategic Environmental Research and Development Program (SERDP).

Doctoral research with Lewis Semprini and Stephen Giovannoni

RESEARCH INTERESTS:

Microbial diversity and ecology; isolation of novel microorganisms; prokaryotic physiology; molecular evolution; and bioremediation.

SCIENTIFIC PRESENTATIONS:

Connon, S. A., M. Rappé, K. Vergin, R. Morris, J.-C. Cho, W. A. Siebold, C. Alexander, L. Young, J. McGregor and S. J. Giovannoni. Microbial discovery by high throughput culturing. **Abstract and Poster**, Center for Gene Research and Biotechnology, Oregon State University. Annual Fall Retreat, 2001

Connon, S. A., A. Tovanabootr, K. Vergin, S. J. Giovannoni, L. Semprini. Dilution culture methods and LH-PCR to compare the bacterial community composition in propane sparged versus air sparged groundwater at McClellan Air Force Base, CA. **Abstract and Lecture**, American Chemical Society Biotechnology Secretariat. 221st ACS National Meeting, San Diego, CA. April 1-5, 2001

Connon, S. A., A. Tovanabootr, S. J. Giovannoni, L. Semprini. A comparison of the bacterial community composition in propane sparged versus air sparged groundwater at McClellan Air Force Base, Sacramento, CA using culture methods and LH-PCR. **Abstract and Poster**, 100th Annual Meeting of the American Society for Microbiology, Los Angeles, CA. May 21-25, 2000

Connon, S. A. and S. J. Giovannoni. Identification of dilution cultures by sequencing. **Lecture**, Annual Symposium of the Department of Microbiology, Oregon State University. Sept. 1999

Connon, S. A. and S. J. Giovannoni. Dilution cultures of bacterioplankton from samples collected near Newport Oregon. **Lecture**, Annual Symposium of the Department of Microbiology, Oregon State University. Sept. 1998

PUBLICATIONS:

Connon, S. A. and S. J. Giovannoni. Microbial discovery and isolation by high throughput culturing (in preparation)

Connon, S. A. A. Tovanabootr, K. Vergin, S. J. Giovannoni, M. Dolan, L. Semprini. A comparison of the bacterial community composition in propane sparged vs. air sparged trichloroethene contaminated groundwater at McClellan Air Force Base using high throughput culture methods and LH-PCR. (in preparation)

TEACHING AND MENTORING EXPERIENCE:

Committee Member, 2001. Served as committee member for Jessina C. McGregor in the defense of her Microbiology honors thesis. 'A brief history of systematics and its application to marine bacterioplankton systematics.'

Advisor, 1999-2001. Advised undergraduate honors student, Jessina C. McGregor, on her research project for her Microbiology honors thesis

Teaching Assistant, 1999. Assisted with the computer laboratory for a graduate level course in Genomics and Cellular Evolution (MB668). Helped students learn how to use a variety of phylogenetic analysis programs

Teaching Assistant, 1998. Assisted with the laboratory instruction for the graduate/undergraduate course Food Microbiology (MB541/441)

Head Teaching Assistant, 1997-1998. Mentored new teaching assistants and ran the introductory laboratory course, General Microbiology (MB303), for undergraduates majoring in microbiology

Teaching Assistant, 1996-1997. Assisted with the laboratory instruction for the microbiology courses MB303 and Introductory Microbiology (MB230) a course for non-majors

PUBLIC EDUCATION:

Assisted in the Microbiology Workshop for the film crew that produced the public education series 'Intimate Strangers: Unseen Life on Earth'. Participated as a guest in part two of the series, 'Keepers of the Biosphere.'

PROFESSIONAL AWARDS AND ACTIVITIES:

Recipient, 1998. N. L. Tartar Fellowship, Oregon State University

Recipient, 1998. Mamie L. Markham Endowment Award, Oregon State University

Member, 1998-present. American Association for the Advancement of Science

Member, 2001-present. American Chemical Society 2001